

FIG. 1



Figure 2A

Human faim short DNA sequence

ATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATC
GAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGATGGAAAGGA
AGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGGCAAAGAAACATTCTATGTTG
GAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATCAGTGGTTTTGCTTAT
GAATATACTETGGAAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGATC
AAAAACCACCAATACTTGGGTATTACACATGGATGGTGAGAACTTTAGAATTGTTTT
GGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTG
AGTTTGTAGATGATGGGACTGAAACTCACTTCAGTATCGGGAACCATGACTGTTACA
TAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATACTCTCATTGTG
GATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

Figure 2B

Human faim short protein

MTDLVAVWDVALSDGVHKIEFEHGTTS~~G~~KRVVYVDGKEEIRKEWMFKLVGKETFYVG
AAKTKATINID~~A~~ISGFAYEY~~T~~LEINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKD
AMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPE
IAS

Figure 2C

>Human faim long DNA sequence

ATGGCATCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCCTTACAGC
CTAGAAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTC
CACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGA
TGGAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGGCAAAGAAACA
TTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATCAGTGG
TTTTGCTTATGAATATACTCTGGAAATTAATGGGAAAAGTCTCAAGAAGTATATGGA
GGACAGATCAAAAACCACCAATACTTGGGTATTACACATGGATGGTGAGAACTTTA
GAATTGTTTTGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAG
ACAGCGGGTGAGTTTGTAGATGATGGGACTGAACTCACTTCAGTATCGGGAACCA
TGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATA
CTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAA

Figure 2D

human faim long protein

MASGDDSPIFEDDESPPYSLEKMTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVYVDG
KEEIRKEWMFKLVGKETFYVGAAKTATINIDAI SGFAYEYTL EINGKSLKKYMEDRSK
TTNTWVLHMDGENFRIVLEKDAMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIK
AVSSGKRKEGIIHTLIVDNREIPEIAS

Figure 2E

human faim super long dna sequence

ATGCGCGGAGGGTGCGGCCTTCGGCTGAGGCAGAGGACCAGGGTTGGGTCCGTGGC
GGCGGGAGGGGTGGCCTCCTGCGCTGGTCGCCCCAGGGGACCTGAGAGGCGCGACA
AACAGTCGGCGCGTTTGGTACTCGCGCCTGCAGAGCTTTCAACCTCCGCGCCGGCTG
CCTGGTNTTCTCGGCCAGGGGAGCAAGGCCACGCGGCTANCGCAGCCGAGTCGGAA
CCAACCGGTTGTTTGGTGAAACTACCCCAGAGCCTCCCGCGGCCACAGAGCACAGC
CCTCCTTACAGCCTAGAAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTA
AGTGACGGAGTCCACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGT
AGTATATGTAGATGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGG
GCAAAGAAACATTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGAC
GCTATCAGTGGTTTTGCTTATGAATATACTCTGGAAATTAATGGGAAAAGTCTCAAG
AAGTATATGGAGGACAGATCAAAAACCACCAATACTTGGGTATTACACATGGATGG
TGAGAACTTTAGAATTGTTTTGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAA
AAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAACTCACTTCAGTA
TCGGGAACCATGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGG
ATTATTCATACTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

Figure 2F

human faim super long protein

MRGGCGLRLRQRTRVGSVAAGGVASCAGRPRGPERRDKQSARLV LAPAELSTSAPAA
WXS RPGEQGHAAXAAE SEPTGCLVKLPQSLPRPTEHSPPYSLEKMTDLVAVWDVALSD
GVHKIEFEHGTTSGKR VVYVDGKEEIRKEWMFKLVGKETFYVGAAKTKATINIDAI SGF
AYEYTL EINGKSLKKY MEDRSKTTNTWVLHMDGENFRIVLEKDAMDVWCNGKKLETA
GEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPEIAS

Figure 2G

human faim lung cancer DNA sequence

ATGGCATCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCCTTACAGC
CTAGAAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTC
CACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGA
TGGAAAGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAG
CGGGTGAGTTTGTAGATGATGGGACTGAACTCACTTCAGTATCGGGAACCATGACT
GTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATACTCTC
ATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

Figure 2H

human faim lung cancer protein

MASGDDSPIFEDDESPPYSLEKMTDLVAVWDVALSDGXHKIEFEHGTTS GKR VVYVDG
KEKDAMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDN
REIPEIAS

Figure 2I

murine faim short DNA sequence

ATGACGGATCTCGTAGCTGTTTGGGACGTAGCATTAAAGTGACGGAGTCCACAAGATT
GAATTTGAACATGGGACCACATCAGGCAAGCGGGTTGTGTACGTGGATGGGAAGGA
AGAGATAAGAAGAGAGTGGATGTTCAAGTTGGTGGGCAAAGAAACGTTCTTTGTCTG
GAGCTGCAAAAACCAAAGCCACCATCAATATAGATGCCATAAGTGGCTTCGCATAC
GAGTACACGCTGGAAATTGATGGGAAGAGCCTCAAGAAGTACATGGAGAACAGGTC
AAAGACCACCAGCACCTGGGTGCTGCGCCTGGATGGCGAGGACCTGAGAGTTGTTTT
GGAAAAAGACACTATGGACGTATGGTGCAATGGTCAGAAAATGGAGACAGCGGGC
GAGTTTGTAGATGATGGGACTGAGACGCACTTCAGCGTTGGGAACCACGGCTGTTAC
ATAAAAGCTGTGAGCAGCGGAAAGAGGAAAGAAGGGATTATCCATACCCTCATTGT
GGATAACAGGGAAATCCCAGAGCTCACTCAGTGA

Figure 2J

Murine FAIM short protein

MTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVYVDGKEEIRREWMFKLVGKETFFVG
AAKTKATINIDAI SAFAYEYTL EIDGKSLKKY MENRSKTTSTWVLR LDGEDLRVVLEKD
TMDVWCNGQK METAGEFVDDGTETHFSVGNHGCYIKAVSSGKRKEGIIHTLIVDNREIP
ELTQ

Figure 2K

Murine Faim long DNA sequence

ATGGCGTCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCTCTATAGC
CTGGAAAAAATGACGGATCTCGTAGCTGTTTGGGACGTAGCATTAAAGTGACGGAGT
CCACAAGATTGAATTTGAACATGGGACCACATCAGGCAAGCGGGTTGTGTACGTGG
ATGGGAAGGAAGAGATAAGAAGAGAGTGGATGTTCAAGTTGGTGGGCAAAGAAAC
GTTCTTTGTCGGAGCTGCAAAAACCAAAGCCACCATCAATATAGATGCCATAAGTGG
CTTCGCATACGAGTACACGCTGGAAATTGATGGGAAGAGCCTCAAGAAGTACATGG
AGAACAGGTCAAAGACCACCAGCACCTGGGTGCTGCGCCTGGATGGCGAGGACCTG
AGAGTTGTTTTGGAAAAAGACACTATGGACGTATGGTGCAATGGTCAGAAAATGGA
GACAGCGGGCGAGTTTGTAGATGATGGGACTGAGACGCACTTCAGCGTTGGGAACC
ACGGCTGTTACATAAAAAGCTGTGAGCAGCGGAAAGAGGAAAGAAGGGATTATCCAT
ACCCTCATTGTGGATAACAGGGAAATCCCAGAGCTCACTCAGTGA

Figure 2L

Murine faim long protein

MASGDDSPIFEDDESPLYSEKMTDLVAVWDVALSDGVHKIEFEHGTTS GKRVVYVDG
KEEIRREW MFKLVGKETFFVGAAKTKATINIDAI SGFAYEYTL EIDGKSLKKY MENRSK
TTSTWVLR LDGEDLRVVLEKDTMDVWCNGQK METAGEFVDDGTETHFSVGNHGCYIK
AVSSGKRKEGIIHTLIVDNREIPELTQ

FIG. 3

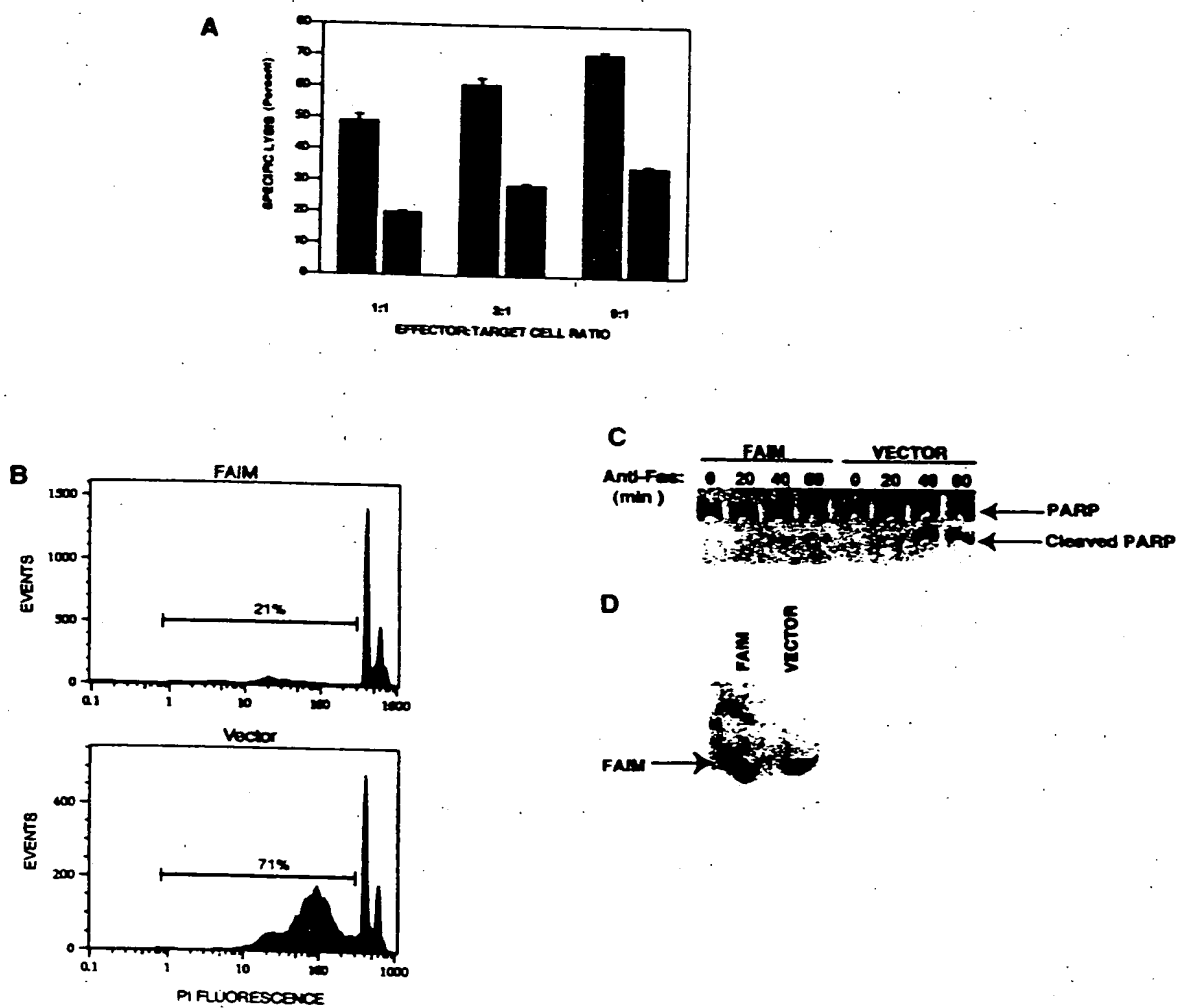


FIG. 4

